BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: Improvements to roads & drains Jodidara Narasimaiah Layout Gowdike hola) in Bagalagunte Ward No 14

Est. Cost Rs 20.00 Lakhs

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.143/I.19.1 PW, P & IWTD -SR 2018-19)								
		cum	1	128.00	4.00	0.20	102.00		
	1st cross		1	95.00	0.90	1.00	85.50		
							187.50	137.80	25838.00
	Basic rate	130.00							
	Add Area Weightage 6%	7.80							
	Total	137.80							
2	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc. complete as per the direction of								
		CUM	1	128.00	4.00	0.23	117.76		
							117.76	2001.28	235671.00
	Basic Rate	1888.00							
	Add Area Weightage 6%	113.28							
	Total	2001.28							
3	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs. with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.13/I.4.3) PWD - SR 2018 19)								
		Cum	1	128.00	4.00	0.15	76.80		
			1	95.00	0.90	0.15	12.83		
							89.63	5408.12	484703.00
	Basic Rate	5102.00							
	Add Area Weightage 6%	306.12							
	Total	5408.12							
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200.PWD SR 2018-19 P.no-271, It No 37.59.20								

Scanned with CamScanner

	For drain	Cum	4	95.00	0.15	0.60	34.20		
							34.20	7070.20	241801.00
	Basic Rate	6670.00							
	Add Area Weightage 6%	400.20							
	Total	7070.20							
5	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.229 - I. no.28.8.2]								
			60	34.20			2052.00		
							2.05	72327	148415.00
	Basic rate	68233.00							
	Add 6% A.W	4093.98							
	Total	72326.98							
6	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.								
	6th cross	Sqm	1	95.00	0.75		71.25		
	Data Rates Approved by CE DZ enclosed						71.25	2208.00	157320.00
7	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 ReaffirmecF2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.43cum) ((P.No.176, 1.No.22.6.1 of PW,P&IWTD SR 2018-19)								
	6th cross	cum	1	128.00	4.00	0.15	76.80		
							76.80	5210.96	400202.00
	Basic Rate	4916.00							
	Add Area Weightage 6%	294.96							
	Total	5210.96							
8	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2016-17								

Scanned with CamScanner

	Loading and Unloading	57.00	Qty Vide Item No 01				175.00	73.99	12948.00
	Lead 4 KMs 2x1.28x4	12.80							
		69.80							
	Add Area Weightage 6%	4.19							
	Total	73.99							
							Sub Total		1706898.00
9	Tender Premium Charge 5%								85345.00
10	GST Charge 12%								204828.00
11	Miscellaneous and UnforessenCharges								2929.00
								Total	2000000.00
	Rupees Twenty Lakhs Only								

Assistant Engineer
Ward No 14

Assistant Executive Engineer
T. Dasarahalli Sub Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Scanned with CamScanner